



04-22-03

PATENT

Attorney Docket No. FORS-04586

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Victor Lyamichev *et al.*
Serial No.: 09/882,945
Filed: 06/15/01
Entitled: Nucleic Acid Accessible Hybridization Sites

Group No.: 1634
Examiner: Chakrabarti

INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL

Assistant Commissioner for Patents
Washington, D.C. 20231

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By:

Mary Ellen Waite

Sir or Madam:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

A check for \$180.00 is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in C.F.R. § 1.97(c).

The Commssioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: April 21, 2003

Tanya A. Arenson

Registration No. 47,391

04/22/2003 TLUU11 00000028 09882945

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The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- U.S. Patent No. 5,843,654
- U.S. Patent No. 5,422,253
- U.S. Patent No. 5,846,717
- U.S. Patent No. 6,001,567
- U.S. Patent No. 5,985,557
- U.S. Patent No. 5,994,069
- U.S. Patent No. 5,436,327
- U.S. Patent No. 5,429,807
- U.S. Patent No. 5,599,695
- U.S. Patent No. 6,060,310

- U.S. Patent No. 5,494,810
- U.S. Patent No. 5,427,930
- U.S. Patent NO. 6,372,424
- WO 96/15267
- WO 97/27214
- WO 98/23744
- Abrams *et al.*, Genomics 7:463 [1990]
- Allawi and SantaLucia, Biochemistry 36:10581 [1997]
- Altamirano *et al.*, J. Infect. Dis., 171:1034 [1995]
- Bains and Smith, J. Theor. Biol., 135:303 [1988]
- Banerjee *et al.*, Science 263:227 [1994]
- Barlow and Lehrach, Trends Genet., 3:167 [1987]
- Bennett *et al.*, J. Immunol., 152:3530 [1994]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Bennett *et al.*, J. Pharmacol. Exp. Ther., 280:988 [1997]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Bidou *et al.*, RNA 3:1153 [1997]
- Borresen *et al.*, Proc. Natl. Acad. Sci. USA 88:8405 [1991]
- Brow *et al.*, J. Clin. Microbiol., 34:3129 [1996]
- Bruice and Lima, Biochemistry 36:5004 [1997]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Campbell and Cech, RNA 1:598 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Chee *et al.*, Science 274:610 [1996]
- Chiang *et al.*, J. Biol. Chem., 266:18162 [1991]
- Cload and Shephartz, J. Am. Chem. Soc., 113:6324 [1991]
- Cockerill, III *et al.*, J. Infect. Dis., 171:240 [1995]
- Compton, in *PCR Protocols*, Innis *et al.* (Eds.), [1990], at p. 39

- Conner, Proc. Natl. Acad. Sci., 80:278 [1983]
- Donnabella *et al.*, Am. J. Respir. Dis., 11:639 [1994]
- Doty *et al.*, Proc. Natl. Acad. Sci. USA 46:461 [1960]
- Drmanac *et al.*, Genomics 4:114 [1989]
- Duckett *et al.*, Cell 55:79 [1988]
- Eckstein and Lilley (eds.), *Nucleic Acids and Molecular Biology*, vol. 2, Springer-Verlag, Heidelberg [1988]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Freier and Tinoco, Biochemistry 14:3310 [1975]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Foder *et al.*, Science 251:767 [1991]
- Fodor *et al.*, Nature 364:555 [1993]
- Francois *et al.*, Nucl. Acid. Res., 22: 3943 [1994]
- Fried and Crothers, Nucleic Acids Res., 9:6505 [1981]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Frieden *et al.*, New Engl. J. Med., 328:521 [1993]
- Gamper *et al.*, J. Mol. Biol., 197:349 [1987]
- Fedorova *et al.*, FEBS Lett. 302:47 [1992]
- Gaspin and Westhof, J. Mol. Biol. 254:163 [1995]
- Girelli *et al.*, Blood 90:2084 [1997]
- Godard *et al.*, Nucl. Acids Res., 22:4789 [1994]
- Gogos *et al.*, Nucl. Acids Res., 18:6807-6817 [1990]
- Hanke *et al.*, J. Mol. Biol., 246:63 [1995]
- Harrington and Lieber, Genes and Develop., 3:1344 [1994]
- Heym *et al.*, Lancet 344:293 [1994]
- Hiraro *et al.*, Nucleic Acids Res. 22(4):576 [1994]
- Ho *et al.*, Nature Biotechnology 16:59 [1998]
- Howe and Ares, Proc. Natl. Acad. Sci. USA 94:12467 [1997]
- Hughes, Scrip Magazine May [1994]

- Jacobs, Jr., Clin. Infect. Dis., 19:1 [1994]
- Jacobs, Jr. *et al.*, Science 260:819 [1993]
- Jaeger *et al.*, Proc. Natl. Acad. Sci. USA, 86:7706 [1989]
- Jaeger *et al.*, Meth. Enzymol. 183:281[1990]
- Kanai *et al.*, Lancet 339:1543 [1992]
- Kwok, *et al.*, Nucl. Acids. Res. 18:999 [1990]
- Lan *et al.*, Science 280:1593 [1998]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Lerman and Silverstein, Meth. Enzymol., 155:482 [1987]
- Lima *et al.*, Biochemistry 31:12055 [1992]
- Liu and Sommer, PCR Methods Applic, 4:97 [1994]
- Lowman and Draper, J. Biol. Chem., 261:5396 [1986]
- Lyamichev *et al.*, Nature Biotechnology 17:292 [1999]
- Lyamichev *et al.*, Science 260: 778 [1993]
- Mangada and Igarishi, Virus Genes 14:5 [1997]
- Marmur and Lane, Proc. Natl. Acad. Sci. USA 46:453 [1960]
- Maskos and Southern, Nucl. Acids Res., 20:1675 [1992]
- Mateeva *et al.*, Nucleic Acids Res., 25:5010 [1997]
- Mateeva *et al.*, Nature Biotechnology 16:1374 [1998]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Mathews *et al.*, RNA 5:1458 [1999]
- Mathews *et al.*, J. Mol. Biol., 288:911 [1999]
- Miller, *et al.* J Virol., 71:7648 [1997]
- Milner *et al.*, Nature Biotechnology 15:537 [1997]
- Mir and Southern, Nature Biotechnology 17:788 [1999]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Monia *et al.*, Nature Med., 2:668 [1996]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.

- Morris *et al.*, J. Infect. Dis., 171:954 [1995]
- Murante *et al.*, J. Biol. Chem., 269:1191 [1994]
- Okamoto *et al.*, J. Gen. Virol., 73:673 [1992]
- OligoWalk (Mathews *et al.*, RNA 5:1458 [1999]
- Orita, *et al.*, Genomics 5:874 [1989]
- Parkhurst and Parkhurst, Biochem., 34:285 [1995]
- Patel *et al.*, Proc. Natl. Acad. Sci. USA 93:2969 [1996]
- Patzel *et al.*, Nucleic Acids Res., 27:4328 [1999]
- Perlman and Butow, Science 246:1106 [1989]
- Peyman *et al.*, Biol. Chem. Hoppe-Seyler 367:195 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Proutski *et al.*, J Gen Virol., 78(Pt 7):1543-1549 [1997]
- Richardson *et al.*, J. Am. Chem. Soc., 113:5109 [1991]
- Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, 2nd ed. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY [1989]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Scholz *et al.*, Hum. Mol. Genet., 2:2155 [1993]
- Schwille *et al.*, Biochem., 35:10182 [1996]
- Sczakiel, Frontiers in Biosciences 5:194 [2000]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Serano and Cohen, Develop., 121:3809-3818 [1995]
- Sheffield *et al.*, Proc. Natl. Acad. Sci., 86:232 [1989]
- Shibata in *PCR: The Polymerase Chain Reaction*, Mullis *et al.*, eds., Birkhauser, Boston [1994], pp. 47-54
- Shinnick and Jones in *Tuberculosis: Pathogenesis, Protection and Control*, Bloom, ed., American Society of Microbiology, Washington, D.C. [1994], pp. 517-530

- "Single-Strand Conformation Polymorphism" (SSCP) was developed by Hayashi, Sekya and colleagues (reviewed by Hayashi, PCR Meth. Appl., 1:34-38, [1991])
- Smith *et al.*, Genomics 3:217 [1988]
- Sohail *et al.*, RNA 5:646 [1999]
- Southern *et al.*, Genomics 13:1008 [1992]
- Southern *et al.*, Nucleic Acids Res., 22:1368 [1994]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Sugimoto *et al.*, Biochemistry 34:11211 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Thompson *et al.*, Oncogene 14:1715 [1997]
- Uhlenbeck, J. Mol. Biol., 65:25 [1972]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Veyrune *et al.*, Oncogene 11:2127 [1995]
- Vickers *et al.*, Nucleic Acids Res., 28:1340 [2000]
- Wallace *et al.*, Nucl. Acids Res., 6:3543 [1979]
- Walton *et al.*, Biotechnol. Bioeng., 65:1 [1999]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Ward, *et al.*, Virus Genes 10:91 [1995]
- Wartell *et al.*, Nucl. Acids Res., 18:2699-2701 [1990]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Winter *et al.*, Proc. Natl. Acad. Sci. USA 82:7575 [1985]
- Woese and Pace (p. 91), Noller (p. 137), and Cech (p. 239) in Gesteland and Atkins (eds.), *The RNA World*, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY [1993]
- Woese, Microbiol. Rev., 51:221-271 [1987]

- Yacyshyn *et al.*, Gastroenterology 114:1133 [1998]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
- Yang *et al.*, Biochem., 35:7959 [1996]
- Youil *et al.*, Genomics 32:431 [1996]
- Yoshioka *et al.*, Hepatol., 16:293 [1992]
- Yule, Bio/Technol., 12:1335 [1994]
- Zarrinkar and Williamson, Science 265:928 [1994]
- Zarrinkar and Williamson, Nat. Struct. Biol., 3:432 [1996]
- Zhong *et al.*, Biochem., 32:6898 [1993]
- Zuker, Science 244:48 [1989]
- Zuker and Jacobson. Nucl. Acids Res. 23:2791 [1995]

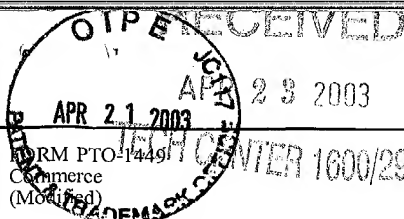
This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: April 21, 2003



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FORM PTO-1449
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(Modified)U.S. Department of
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Attorney Docket No.: FORS-04586

Serial No.: 09/882,945

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)Applicant: Victor I. Lyamichev *et al.*

Filing Date: 6/15/01

Group Art Unit:

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	1	5,843,654	12/1/98	Heisler <i>et al.</i>	435	6	6/7/95
	2	5,422,253	6/6/95	Dahlberg <i>et al.</i>	435	91.53	12/7/92
	3	5,846,717	12/8/98	Brow <i>et al.</i>	435	6	1/24/96
	4	6,001,567	12/14/99	Brow <i>et al.</i>	435	6	7/12/96
	5	5,985,557	11/16/99	Prudent <i>et al.</i>	435	6	11/26/96
	6	5,994,069	11/30/99	Hall <i>et al.</i>	435	6	3/24/97
	7	5,436,327	7/25/95	Southern <i>et al.</i>	536	25.34	3/20/91
	8	5,429,807	7/4/95	Matson <i>et al.</i>	422	131	10/28/93
	9	5,599,695	2/4/97	Pease <i>et al.</i>	435	91.1	2/27/95
	10	6,060,310	5/9/2000	Cho-Chung	435	.375	11/24/97
	11	5,494,810	2/27/96	Barany <i>et al.</i>	435	91.52	11/22/94
	12	5,427,930	6/27/95	Birkenmeyer <i>et al.</i>	435	91.52	6/28/91
	13	6,372,424	4/16/02	Brow <i>et al.</i>	435	5	8/30/95

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	14	WO 96/15267	8 June 1995	PCT				
	15	WO 97/27214	31 July 1997	PCT				
	16	WO 98/23744	4 June 1998	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	17	Abrams <i>et al.</i> , Genomics 7:463 [1990]
	18	Allawi and SantaLucia, Biochemistry 36:10581 [1997]
	19	Altamirano <i>et al.</i> , J. Infect. Dis., 171:1034 [1995]
	20	Bains and Smith, J. Theor. Biol., 135:303 [1988]
	21	Banerjee <i>et al.</i> , Science 263:227 [1994]
	22	Barlow and Leirach, Trends Genet., 3:167 [1987]
	23	Bennett <i>et al.</i> , J. Immunol., 152:3530 [1994]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
	24	Bennett <i>et al.</i> , J. Pharmacol. Exp. Ther., 280:988 [1997]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
	25	Bidou <i>et al.</i> , RNA 3:1153 [1997]
	26	Borresen <i>et al.</i> , Proc. Natl. Acad. Sci. USA 88:8405 [1991]

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Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
	27	Brow <i>et al.</i> , J. Clin. Microbiol., 34:3129 [1996]			
	28	Bruice and Lima, Biochemistry 36:5004 [1997]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	29	Campbell and Cech, RNA 1:598 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	30	Chee <i>et al.</i> , Science 274:610 [1996]			
	31	Chiang <i>et al.</i> , J. Biol. Chem., 266:18162 [1991]			
	32	Cload and Shephartz, J. Am. Chem. Soc., 113:6324 [1991]			
	33	Cockerill, III <i>et al.</i> , J. Infect. Dis., 171:240 [1995]			
	34	Compton, in <i>PCR Protocols</i> , Innis <i>et al.</i> (Eds.), [1990], at p. 39			
	35	Conner, Proc. Natl. Acad. Sci., 80:278 [1983]			
	36	Donnabella <i>et al.</i> , Am. J. Respir. Dis., 11:639 [1994]			
	37	Doty <i>et al.</i> , Proc. Natl. Acad. Sci. USA 46:461 [1960]			
	38	Drmanac <i>et al.</i> , Genomics 4:114 [1989]			
	39	Duckett <i>et al.</i> , Cell 55:79 [1988]			
	40	Eckstein and Lilley (eds.), <i>Nucleic Acids and Molecular Biology</i> , vol. 2, Springer-Verlag, Heidelberg [1988]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	41	Freier and Tinoco, Biochemistry 14:3310 [1975]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	42	Foder <i>et al.</i> , Science 251:767 [1991]			
	43	Fodor <i>et al.</i> , Nature 364:555 [1993]			
	44	Francois <i>et al.</i> , Nucl. Acid. Res., 22: 3943 [1994]			
	45	Fried and Crothers, Nucleic Acids Res., 9:6505 [1981]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.			
	46	Frieden <i>et al.</i> , New Engl. J. Med., 328:521 [1993]			
	47	Gamper <i>et al.</i> , J. Mol. Biol., 197:349 [1987]			
	48	Fedorova <i>et al.</i> , FEBS Lett. 302:47 [1992]			
	49	Gaspin and Westhof, J. Mol. Biol. 254:163 [1995]			
	50	Girelli <i>et al.</i> , Blood 90:2084 [1997]			
	51	Godard <i>et al.</i> , Nucl. Acids Res., 22:4789 [1994]			
	52	Gogos <i>et al.</i> , Nucl. Acids Res., 18:6807-6817 [1990]			
	53	Hanke <i>et al.</i> , J. Mol. Biol., 246:63 [1995]			
	54	Harrington and Lieber, Genes and Develop., 3:1344 [1994]			
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

55	Heym <i>et al.</i> , Lancet 344:293 [1994]
56	Hiraro <i>et al.</i> , Nucleic Acids Res. 22(4):576 [1994]
57	Ho <i>et al.</i> , Nature Biotechnology 16:59 [1998]
58	Howe and Ares, Proc. Natl. Acad. Sci. USA 94:12467 [1997]
59	Hughes, Scrip Magazine May [1994]
60	Jacobs, Jr., Clin. Infect. Dis., 19:1 [1994]
61	Jacobs, Jr. <i>et al.</i> , Science 260:819 [1993]
62	Jaeger <i>et al.</i> , Proc. Natl. Acad. Sci. USA, 86:7706 [1989]
63	Jaeger <i>et al.</i> , Meth. Enzymol. 183:281 [1990]
64	Kanai <i>et al.</i> , Lancet 339:1543 [1992]
65	Kwok, <i>et al.</i> , Nucl. Acids. Res. 18:999 [1990]
66	Lan <i>et al.</i> , Science 280:1593 [1998]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
67	Lerman and Silverstein, Meth. Enzymol., 155:482 [1987]
68	Lima <i>et al.</i> , Biochemistry 31:12055 [1992]
69	Liu and Sommer, PCR Methods Applic, 4:97 [1994]
70	Lowman and Draper, J. Biol. Chem., 261:5396 [1986]
71	Lyamichev <i>et al.</i> , Nature Biotechnology 17:292 [1999]
72	Lyamichev <i>et al.</i> , Science 260: 778 [1993]
73	Mangada and Igarishi, Virus Genes 14:5 [1997]
74	Marmur and Lane, Proc. Natl. Acad. Sci. USA 46:453 [1960]
75	Maskos and Southern, Nucl. Acids Res., 20:1675 [1992]
76	Mateeva <i>et al.</i> , Nucleic Acids Res., 25:5010 [1997]
77	Mateeva <i>et al.</i> , Nature Biotechnology 16:1374 [1998]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
78	Mathews <i>et al.</i> , RNA 5:1458 [1999]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
79	Mathews <i>et al.</i> , J. Mol. Biol., 288:911 [1999]
80	Miller, <i>et al.</i> J Virol., 71:7648 [1997]
81	Milner <i>et al.</i> , Nature Biotechnology 15:537 [1997]
82	Mir and Southern, Nature Biotechnology 17:788 [1999]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
83	Monia <i>et al.</i> , Nature Med., 2:668 [1996]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
84	Morris <i>et al.</i> , J. Infect. Dis., 171:954 [1995]
85	Murante <i>et al.</i> , J. Biol. Chem., 269:1191 [1994]

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(37 CFR § 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

- | | |
|-----|---|
| 86 | Okamoto <i>et al.</i> , J. Gen. Virol., 73:673 [1992] |
| 87 | OligoWalk (Mathews <i>et al.</i> , RNA 5:1458 [1999] |
| 88 | Orita, <i>et al.</i> , Genomics 5:874 [1989] |
| 89 | Parkhurst and Parkhurst, Biochem., 34:285 [1995] |
| 90 | Patel <i>et al.</i> , Proc. Natl. Acad. Sci. USA 93:2969 [1996] |
| 91 | Patzel <i>et al.</i> , Nucleic Acids Res., 27:4328 [1999] |
| 92 | Perlman and Butow, Science 246:1106 [1989] |
| 93 | Peyman <i>et al.</i> , Biol. Chem. Hoppe-Seyler 367:195 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement. |
| 94 | Proutski <i>et al.</i> , J Gen Virol., 78(Pt 7):1543-1549 [1997] |
| 95 | Richardson <i>et al.</i> , J. Am. Chem. Soc., 113:5109 [1991] |
| 96 | Sambrook <i>et al.</i> , <i>Molecular Cloning: A Laboratory Manual</i> , 2nd ed. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY [1989]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement. |
| 97 | Scholz <i>et al.</i> , Hum. Mol. Genet., 2:2155 [1993] |
| 98 | Schwille <i>et al.</i> , Biochem., 35:10182 [1996] |
| 99 | Sczakiel, Frontiers in Biosciences 5:194 [2000]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement. |
| 100 | Serano and Cohen, Develop., 121:3809-3818 [1995] |
| 101 | Sheffield <i>et al.</i> , Proc. Natl. Acad. Sci., 86:232 [1989] |
| 102 | Shibata in <i>PCR: The Polymerase Chain Reaction</i> , Mullis <i>et al.</i> , eds., Birkhauser, Boston [1994], pp. 47-54 |
| 103 | Shinnick and Jones in <i>Tuberculosis: Pathogenesis, Protection and Control</i> , Bloom, ed., American Society of Microbiology, Washington, D.C. [1994], pp. 517-530 |
| 104 | "Single-Strand Conformation Polymorphism" (SSCP) was developed by Hayashi, Sekya and colleagues (reviewed by Hayashi, PCR Meth. Appl., 1:34-38, [1991]) |
| 105 | Smith <i>et al.</i> , Genomics 3:217 [1988] |
| 106 | Sohail <i>et al.</i> , RNA 5:646 [1999] |
| 107 | Southern <i>et al.</i> , Genomics 13:1008 [1992] |
| 108 | Southern <i>et al.</i> , Nucleic Acids Res., 22:1368 [1994]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement. |
| 109 | Sugimoto <i>et al.</i> , Biochemistry 34:11211 [1995]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement. |
| 110 | Thompson <i>et al.</i> , Oncogene 14:1715 [1997] |
| 111 | Uhlenbeck, J. Mol. Biol., 65:25 [1972]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement. |
| 112 | Veyrune <i>et al.</i> , Oncogene 11:2127 [1995] |
| 113 | Vickers <i>et al.</i> , Nucleic Acids Res., 28:1340 [2000] |

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Date Considered:

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Serial No.: 09/882,945

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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Filing Date: 6/15/01

Group Art Unit:

(37 CFR § 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

114	Wallace <i>et al.</i> , Nucl. Acids Res., 6:3543 [1979]
115	Walton <i>et al.</i> , Biotechnol. Bioeng., 65:1 [1999]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
116	Ward, <i>et al.</i> , Virus Genes 10:91 [1995]
117	Wartell <i>et al.</i> , Nucl. Acids Res., 18:2699-2701 [1990]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
118	Winter <i>et al.</i> , Proc. Natl. Acad. Sci. USA 82:7575 [1985]
119	Woese and Pace (p. 91), Noller (p. 137), and Cech (p. 239) in Gesteland and Atkins (eds.), <i>The RNA World</i> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY [1993]
120	Woese, Microbiol. Rev., 51:221-271 [1987]
121	Yacyshyn <i>et al.</i> , Gastroenterology 114:1133 [1998]. This reference is not being supplied at this time but will be sent in a Supplement Information Disclosure Statement.
122	Yang <i>et al.</i> , Biochem., 35:7959 [1996]
123	Youil <i>et al.</i> , Genomics 32:431 [1996]
124	Yoshioka <i>et al.</i> , Hepatol., 16:293 [1992]
125	Yule, Bio/Technol., 12:1335 [1994]
126	Zarrinkar and Williamson, Science 265:928 [1994]
127	Zarrinkar and Williamson, Nat. Struct. Biol., 3:432 [1996]
128	Zhong <i>et al.</i> , Biochem., 32:6898 [1993]
129	Zuker, Science 244:48 [1989]
130	Zuker and Jacobson. Nucl. Acids Res. 23:2791 [1995]

Examiner:

Date Considered:

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